

Amendments to the Claims:

The following Listing of Claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1-30 (Cancelled)

31. (Currently Amended) An optical sheet suitable for use in a laminate comprising at least one glazing component having a peripheral edge, said optical sheet comprising a non-metallic multi-layer optical film having optical properties that are not provided by layers of elemental metal or metal compounds, said optical film including a stack of at least 100 optical layers, said optical film having multiple layers and a peripheral edge, and said multiple layers are fused together along a substantial portion of only the peripheral edge of said optical film so as to at least substantially reduce delamination of said multiple layers along at least said substantial portion of the peripheral edge of said optical film, where the delamination is caused, at least in part, by stresses placed on said optical film during autoclave glazing lamination processing, wherein the remaining portion of said multiple layers, other than said substantial portion of the peripheral edge, is not fused so as to at least substantially reduce delamination of said multiple layers, and wherein said optical film is at least one of (a) a birefringent dielectric multilayer film that reflects at least 50% of light in a band at least 100 nm wide in a wavelength region of interest, wherein the film is heat set at a temperature sufficient to render the film capable of shrinking to conform without substantial wrinkling to a substrate having a compound curvature or (b) a birefringent dielectric multilayer film that reflects at least 50% of light in a band at least 100 nm wide in a wavelength region of interest, wherein the film is heat set at a temperature sufficient to enable the film to shrink at least about 0.4 % in both in-plane directions upon heating.

32. (Previously Presented) The optical sheet according to claim 31, wherein said multiple layers are fused together along all of only the peripheral edge of said optical film so as to at least substantially reduce delamination of said multiple layers along substantially all of the peripheral edge of said optical film.

33. (Previously Presented) A laminate comprising:

the optical sheet according to claim 31, with said optical sheet having a first major surface, a second major surface and a peripheral edge;

a first bonding sheet having a first major surface, a second major surface and a peripheral edge, said first bonding sheet being suitable for bonding to a glazing component, having a major surface and a peripheral edge, and to said optical sheet, and the first major surface of said optical sheet and the first major surface of said first bonding sheet being positioned together;

a second bonding sheet having a first major surface, a second major surface and a peripheral edge, the first major surface of said second bonding sheet being positioned relative to the second major surface of said optical sheet such that said optical sheet is disposed between said first bonding sheet and said second bonding sheet, and said second bonding sheet being suitable for bonding to the major surface of another glazing component; and

a first glazing component and a second glazing component, each of said glazing components having a major surface and a peripheral edge,

wherein the second major surface said first bonding sheet faces the major surface of said first glazing component and the second major surface of said second bonding sheet faces the major surface of said second glazing components, said optical sheet is disposed between said first and second bonding sheets, said first and second bonding sheets are disposed between said glazing components, and at least said substantial portion of the peripheral edge of said optical film is positioned so as to be substantially co-extensive with a corresponding portion of the peripheral edge of at least one of said glazing components.

34. (Previously Presented) The laminate according to claim 33, wherein each of said first and second bonding sheets is fully bonded to said optical sheet and to its respective glazing component.

35. (Previously Presented) The laminate according to claim 33, wherein the peripheral edge of said optical film is positioned so as to be substantially co-extensive with the peripheral edge of both of said glazing components.

36. (Previously Presented) The laminate according to claim 33, wherein at least a substantial portion of the peripheral edge of said optical film is positioned so as to extend substantially beyond the peripheral edge of both of said bonding sheets, and the peripheral edge of each of said bonding sheets is substantially co-extensive with or lies substantially within the peripheral edge of both of said glazing components.

37. (Previously Presented) The laminate according to claim 34, wherein at least said substantial portion of the peripheral edge of said optical film is not encapsulated within bonding sheet material.

38. (Previously Presented) The laminate according to claim 34, wherein said laminate is a glazing suitable for use in a vehicle window.

39. (Previously Presented) The laminate according to claim 34, wherein said multiple layers along all of the peripheral edge of said optical film are fused together.

40. (Previously Presented) The laminate according to claim 39, wherein all of the peripheral edge of said optical film is not encapsulated within bonding sheet material.

41. (Previously Presented) The laminate according to any one of claims 33, wherein said substantial portion of the peripheral edge of said optical film is fused to a depth “d” of at least about 10 microns within said optical film from said peripheral edge.

42. (Previously Presented) The laminate according to any one of claims 33, wherein said multiple layers are fused together, along said substantial portion of the peripheral edge of said optical film, so as to be intermingled, while the remaining portion of said multiple layers remain relatively intact and co-planar.

43. (Currently Amended; Withdrawn) A method of making a glazing laminate for use in a window structure, the glazing laminate comprising an optical sheet sandwiched

between two bonding sheets and the bonding sheets sandwiched between two glazing components, said method comprising:

providing an optical sheet comprising a non-metallic multi-layer optical film with multiple layers, said optical film including a stack of at least 100 optical layers, wherein said optical film is at least one of (a) a birefringent dielectric multilayer film that reflects at least 50% of light in a band at least 100 nm wide in a wavelength region of interest, wherein the film is heat set at a temperature sufficient to render the film capable of shrinking to conform without substantial wrinkling to a substrate having a compound curvature or (b) a birefringent dielectric multilayer film that reflects at least 50% of light in a band at least 100 nm wide in a wavelength region of interest, wherein the film is heat set at a temperature sufficient to enable the film to shrink at least about 0.4 % in both in-plane directions upon heating;

dimensioning the optical sheet so as to form a peripheral edge of the optical film; and
fusing together the multiple layers along a substantial portion of only the peripheral edge of the optical film so as to at least substantially reduce delamination of the multiple layers along the substantial portion of the peripheral edge of the optical film, where the delamination is caused, at least in part, by stresses placed on said optical film during autoclave glazing lamination processing, wherein the remaining portion of the multiple layers, other than the substantial portion of the peripheral edge, is not fused so as to at least substantially reduce delamination of the multiple layers.

44. (Withdrawn) The method according to claim 43 further comprising:

providing two bonding sheets and two glazing components, with each of the bonding sheets being suitable for bonding to the optical sheet and to the glazing components;

sandwiching the optical sheet between the bonding sheets and the bonding sheets between the glazing components;

positioning the optical sheet so that at least the substantial portion of the peripheral edge of the optical film is positioned so as to be substantially co-extensive with a corresponding portion of the peripheral edge of at least one of the glazing components; and

fully bonding the optical sheet, bonding sheets and glazing components together.

45. (Withdrawn) The method according to claim 44, wherein said dimensioning the optical sheet occurs before or after said sandwiching.

46. (Withdrawn) The method according to claim 43, wherein said fusing occurs after said dimensioning the optical sheet or simultaneously with said dimensioning the optical sheet.

47. (Withdrawn) The method according to claim 44, wherein said fusing occurs after said fully bonding.

48. (Withdrawn) The method according to claim 44, wherein said dimensioning the optical sheet occurs before said fully bonding.

49. (Withdrawn) The method according to claim 43, wherein said dimensioning the optical sheet further comprises dimensioning the optical sheet so that at least a remaining portion of the peripheral edge of the optical film is positioned so as to extend substantially beyond the peripheral edge of at least one of the glazing components, and said method further comprises dimensioning the bonding sheets so that the peripheral edge of each of the bonding sheets is substantially co-extensive with or lies substantially within the peripheral edge of both of the glazing components.

50. (Withdrawn) The method according to claim 43, wherein the multiple layers are fused together, along the substantial portion of the peripheral edge of the optical film, so as to be intermingled, while the remaining portion of the multiple layers remain relatively intact and coplanar.

51. (New) The optical sheet of claim 31, wherein said optical film is a birefringent dielectric multilayer film that reflects at least 50% of light in a band at least 100 nm wide in a wavelength region of interest, wherein the film is heat set at a temperature sufficient to render

the film capable of shrinking to conform without substantial wrinkling to a substrate having a compound curvature.

52. (New) The optical sheet of claim 31, wherein said optical film is a birefringent dielectric multilayer film that reflects at least 50% of light in a band at least 100 nm wide in a wavelength region of interest, wherein the film is heat set at a temperature sufficient to enable the film to shrink at least about 0.4 % in both in-plane directions upon heating.